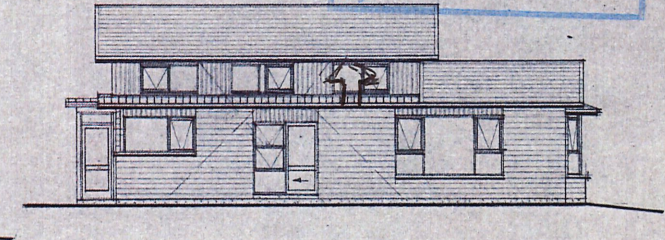
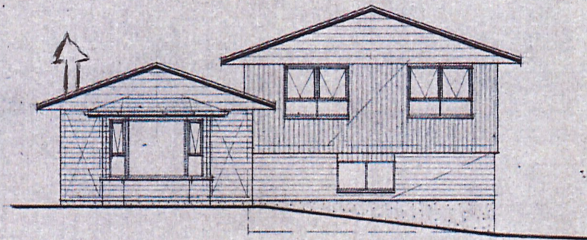
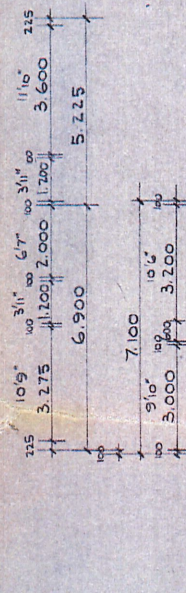


8 JUL 2022

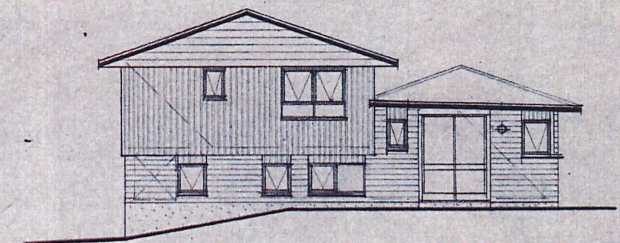
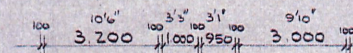
Note: All dimensions to be checked on the job before any work is executed



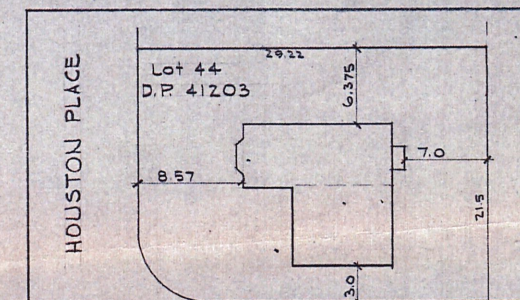
NORTH ELEVATION



Note: P.F.O. hot water tank over upper ceiling in roof space.

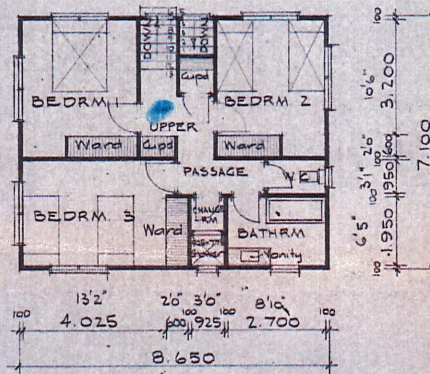


EAST ELEVATION



SITE PLAN

SCALE = 1:300.



FLOOR PLANS Areas: Living Area: 65.2 m^2 (702 sq. ft.) Garage Area: 55.6 m^2 (598 sq. ft.) Bedrm. Area: 61.4 m^2 (661 sq. ft.)

Imperial measurements shown are to nearest inch only

SCALE = 1:100.

Coleridge

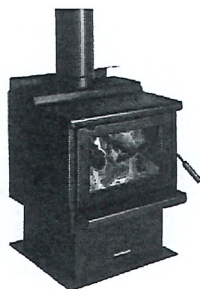
Freestanding Ultra Low Emission Burner

61L	7 log	6mm
FIREBOX CAPACITY	FIREBOX CAPACITY	STEEL COOKTOP

Feels simple and elegant – at home in any large room.

Simplicity is the key and the Coleridge achieves ultra clean burning without the need for fans, or other types of systems that require special operational methods or additional maintenance.

PEDESTAL



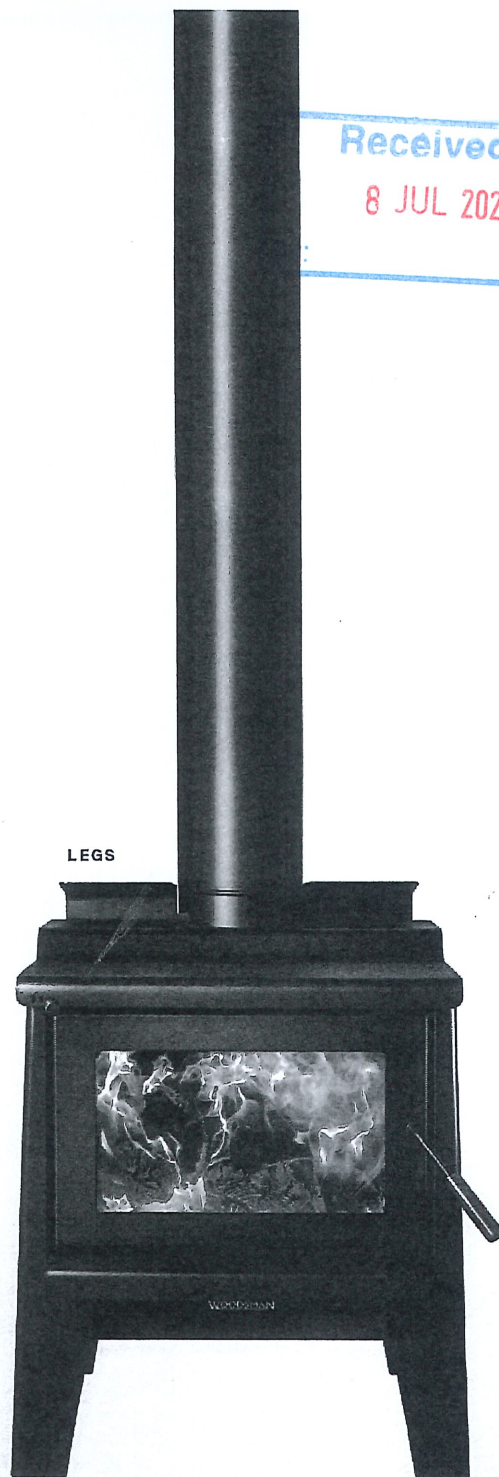
	Pedestal	Legs
Height	823	823
Width	615	648
Depth	638	638

CRAFTED FOR A LONG LIFE

The Coleridge is fitted with stainless steel air tubes and baffle for long service life and has a two year warranty.

ULTRA LOW EMISSIONS – FEEL BETTER ABOUT THE ENVIRONMENT

The Coleridge outperforms the testing standards for emissions, meaning it can be installed in any New Zealand home.



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Designed with you in mind. Real human-focused features.

USER FRIENDLY AND EASY TO MAINTAIN

The Coleridge's design is ergonomic and promotes cost-effective ease of use and can be installed in even the tightest of clean air zones in the country.

EASY SERVICE

The simple baffle removal system ensures easy servicing for chimney sweeps.

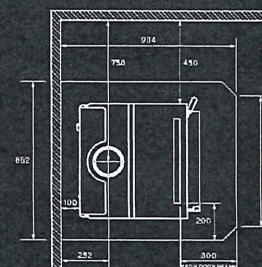
HANDY STEEL COOKTOP

The Coleridge is fitted with a convenient 6mm steel cooktop suitable for use during a power outage.

Dimensions – Pedestal	823H × 615W × 638D	
– Legs	823H × 648W × 638D	
Weight	150 kg	
ULEB Approved	Yes	
Clean Air Approval	All Zones	
Floor Protector	Ash Hearth	
Max. Log Length	450 mm	
Approx No. Logs	Up to 7	
	High	Low
Average Heat Output	8.9 kW	7.5 kW
Fuel Consumption Rate	2.55 kg/h	1.94 kg/h
Room Heating Efficiency	62.3%	69.6%

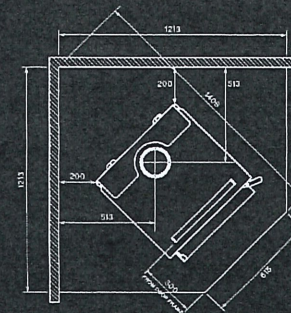
The Coleridge requires no electrical installation, no additional components and no complex operating requirements.

WALL INSTALLATION



All dimensions and clearances are in mm.
Clearances are with factory flue shield.

CORNER INSTALLATION



Refer to installation manual for full specifications.

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Dektite

Design features

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Consent Documents

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Ashburton District Council



Flexible Cone Sleeve

Dektite cone shape eliminates seal breakdown due to vibration or expansion and contraction, while isolation of pipe from sheeting dampens noise levels.

Stress Isolation Points

Unique to Dektite, two flexible shoulders absorb distortion and stop transfer of stresses from base to cone, as unit is formed over roofing profile.

Bonded Aluminium Flange

Corrosion-resistant, malleable flange, evenly distributes fastening pressure and allows ease of hand-shaping on most sheet profiles.

Integrity of Flashing Shape

Minimal distortion after installation, maintains natural flashing shape and seal around pipe, while water run-off is improved.

UV Protection

Dektite products are resistant to ultraviolet light damage and will remain fully flexible under all conditions.

Easily Identified Sizing

Pipe diameter rings are clearly marked on the cone sleeve (metric and imperial) for cutting to match the appropriate pipe diameter.

Low Profile Design

Sleek, unobtrusive shape is designed to minimise silhouette on roofline, while managing to provide generous internal clearance for steep, angular installations.

Improved Waterproofing

Designed to strengthen sealant bond and improve waterproofing, the ribbed base also has a tapered edge to improve runoff and contribute to a superior waterproof seal.

Perfect for approved flues!

Dektite EPDM polymer flashings have been officially tested and conform to all Australian and New Zealand Standards on approved flue systems. EPDM withstands temperatures from -50°C - 115°C and up to 150°C intermittently. withstands temperatures from -60°C - 200°C and up to 250°C intermittently.

Dektite Premium

The versatile solution

Approved Building
Consent Documents

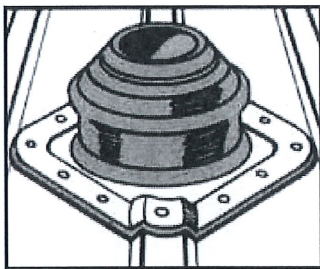
BC0453/22

Ashburton District Council

- ✓ Most extensive range of Dektites 0 – 510mm penetrations, available in black and grey EPDM and silicone red for high temperatures.
- ✓ Designed to enable practically any pipe flashing operation to be carried out within minutes, simple to install and very effective.
- ✓ The low profile cone not only looks good but provides a generous internal clearance, so even the steepest roofs are handled with ease.
- ✓ Around the base of the cone a flexible bead reduces stress on the flashing membrane.
- ✓ Suitable for flashing pipes that penetrate wall claddings.
- ✓ For a maintenance free seal on pipes from 0 – 510mm diameter, it's much more than a flexible solution to pipe flashing, it's a means of saving time and money.
- ✓ Can also be used to flash square penetrations. Just add 30% to the pipe diameter and trim the cone to suit.
- ✓ EPDM withstands temperatures from -50°C – 115°C and up to 150°C intermittently.
- ✓ Silicone withstands temperatures from -60°C – 200°C and up to 250°C intermittently.

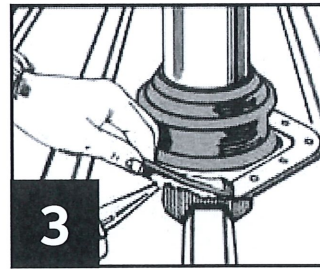


Installation Instructions:

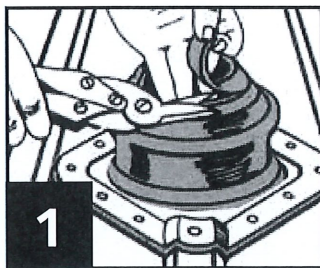


NOTE:

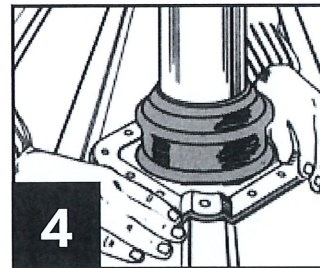
For more effective drainage, always fit the Dektite on the diamond or bias.
Dektites are suitable for flashing pipes that penetrate wall claddings.



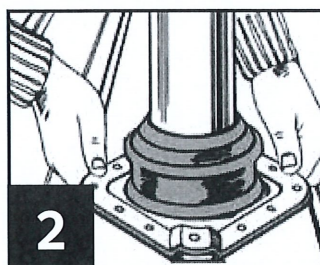
Apply a neutral-cure silicone sealant by turning back the flexible flange (refer to page 13 for silicone types).



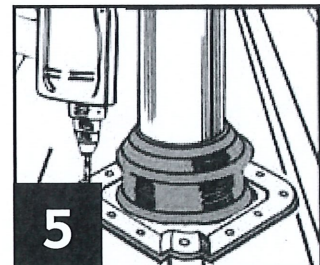
Cut a neat hole in roofing sheet with minimum clearance for pipe and insert pipe through hole. Trim the cone to suit pipe size using sharp tin snips. Where required, support cut sections of sheet with additional framing.



Press base to the roof profile by hand, smooth out any awkward creases. Don't fully extend to allow for vibration.

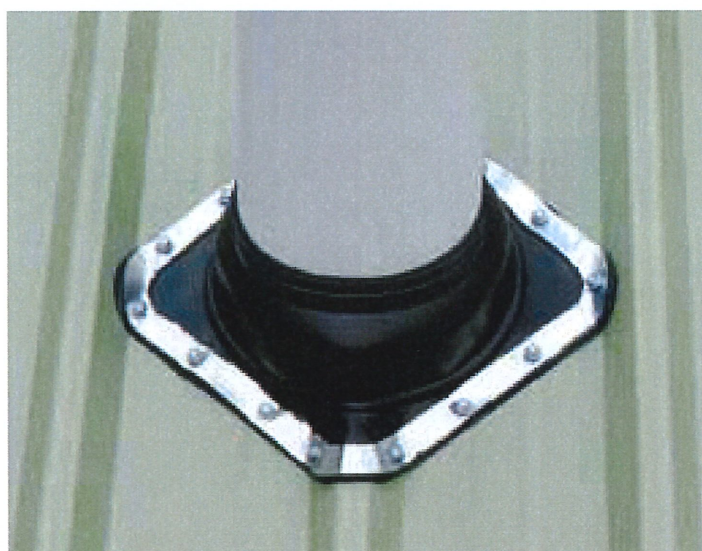


Slide Dektite flashing down over pipe. Lubricating the pipe with water allows the pipe to slide snugly into position.



Fasten using self drilling washered screws. Fit fasteners progressively outward in opposing pairs to avoid gaps.

Code: Black EPDM	Code: Grey EPDM	Code: Red Silicone	Base (mm)	Pipe (mm)	Pitch
DFE10MB			71 x 71	0-20	0-60
DFE100B	DFE100MG		100 x 100	0-35	0-60
DFE100BS		DFE200RES	100 x 100	0-35	0-60
DFE101B	DFE101G		139 x 139	5-55	0-45
DFE101BS		DFE201RES	139 x 139	5-55	0-45
DFE102BA	DFE102GA	DFE202REA	181 x 181	50-70	0-45
DFE103B	DFE103G	DFE203RE	218 x 218	5-127	0-45
DFE104B	DFE104G	DFE204RE	279 x 279	75-175	0-45
DFE105B	DFE105G	DFE205RE	309 x 309	100-200	0-45
DFE106B	DFE106G	DFE206RE	363 x 363	125-230	0-45
DFE107B	DFE107G	DFE207RE	456 x 456	150-300	0-45
DFE108B	DFE108G	DFE208RE	495 x 495	170-355	0-45
DFE109B	DFE109G	DFE209RE	680 x 680	230-508	0-45



DFE201RES



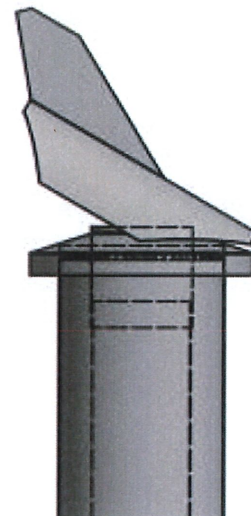
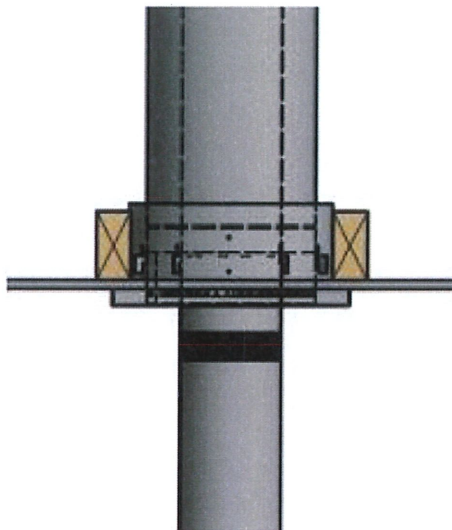
DFE100BS

HeatSaver Flue Kit Installation Instructions For Solid Fuel Appliances

Received

8 JUL 2022

By:



The installation of any Woodsman solid fuel burner requires a Building Consent prior to installation commencing. We recommend the installation of a Woodsman solid fuel burner or flue system be undertaken by the holder of a current SFAIT (Solid Fuel Appliance Technician) qualification issued by the NZHHA (New Zealand Home Heating Association) www.nzhha.co.nz.

KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE

Proudly Manufactured By:



Harris Home Fires
41 Braddon St
Addington
Christchurch 8024
New Zealand
Email sales@hhf.co.nz

P O Box 4043
Christchurch 8140
New Zealand

Phone 03 366 1796
Freephone 0800 3661796
Fax 03 366 1795

Installation Instructions

We recommend this appliance be installed by a trained and NZHHA qualified installer.

Warning: the appliance and flue system shall be installed in accordance with AS/NZS 2918 and the appropriate requirements of relevant building code/codes.

Warning: appliances installed in accordance with this standard shall comply with the requirements of CM1.5 where required by the regulatory authority, i.e. the appliance shall be identifiable by a compliance plate with the marking "Tested to CM1.5".

Caution: mixing of appliance or flue system components from different sources or modifying the dimensional specification of components may result in hazardous conditions. Where such action is considered, the manufacturer should be consulted in the first instance.

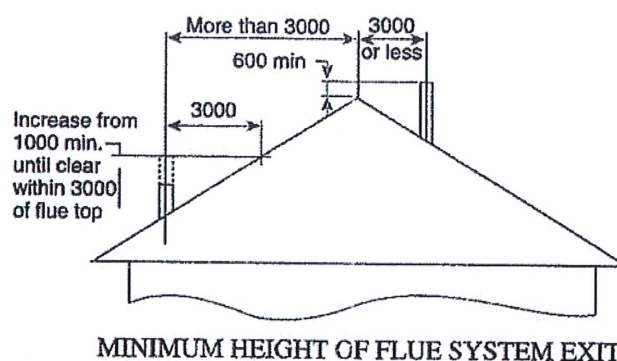
Minimum Flue Height

The top of the flue system should be at least 600mm above the highest point of the roof ridge-line, if the point of intersection of the flue system and the roofline is less than 3 metres from the ridgeline horizontally.

If the point of intersection of the flue system and the roofline is greater than 3 metres horizontally, the top of the flue system shall be at least 1 metre above the point of intersection with the roofline. (refer FIG 3)

FIG 3.

DIMENSIONS IN MILLIMETRES



These are considered to be **minimum dimensions**, and depending on local conditions, **taller flue system heights may be required for satisfactory performance. The total flue height should be no less than 4.6m from the level of the hearth.**

Flue Installation Detail

Your Woodsman appliance should be installed with a HeatSaver Flue System.

A HeatSaver Flue System is available from all authorised Woodsman dealers throughout New Zealand.

The HeatSaver Flue System contains a complete installation drawing and correct clearances from the ceiling level up. Minimum clearances from the appliance to nearby combustible surfaces are given in the Woodman

Use of a flue system other than a genuine HeatSaver Flue System may affect the safety of the installation, and may affect your warranty.

Insist on a genuine HeatSaver Flue System.

HeatSaver Flue Kit Installation



INSTALLATION INSTRUCTIONS

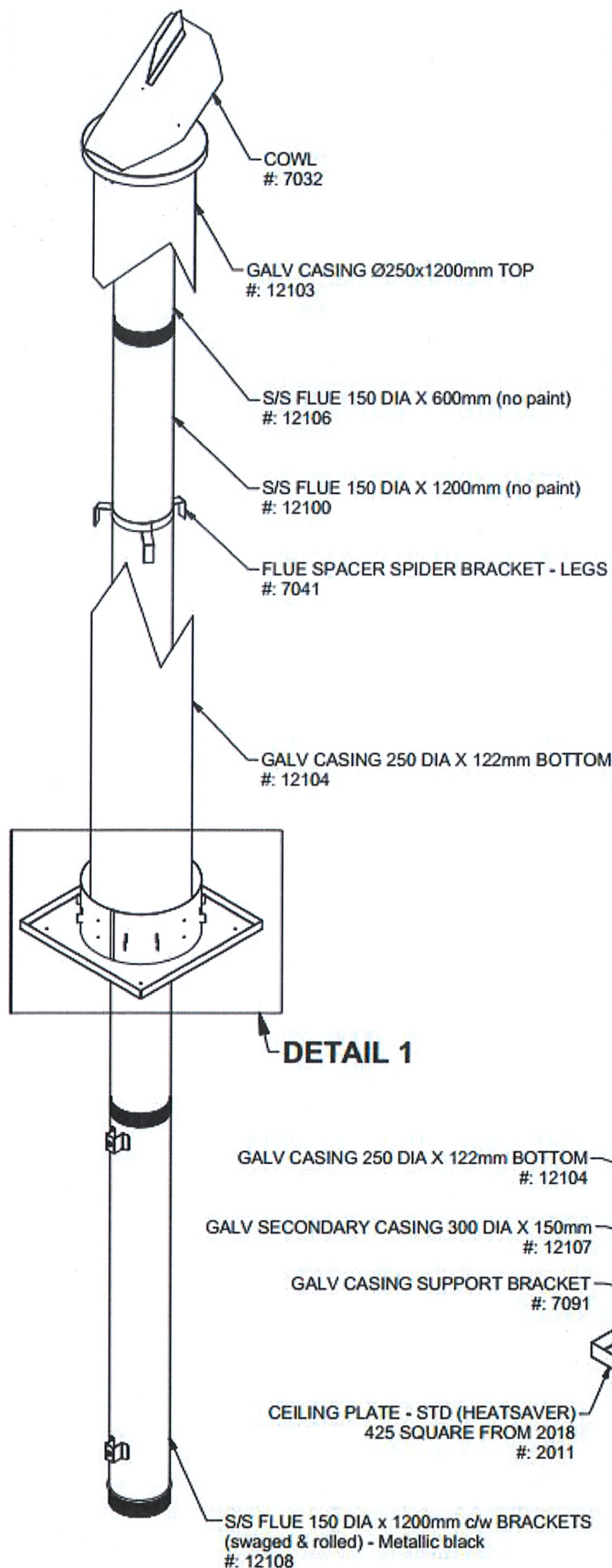
- This HeatSaver flue system is tested and certified to AS/NZS 2918:2001 Appendix F, which means it is approved for use on all solid fuel appliances with a flue diameter of 150mm.
- A copy of the Laboratory Test Certificate for this HeatSaver Flue System is included as part of these Installation Instructions, (refer to paperwork with flue kit).
- Installation of any solid fuel appliance should only be carried out by suitably trained and qualified personnel.
- Position the stove to the desired position, always ensuring that the manufacturer's minimum clearances to combustibles are complied with.
- Check that there are no roofline ridges or valleys in the way, or if they cannot be avoided, that the installer knows how to weatherproof the penetration and reinstate the full strength of the structure.
- At the ceiling level, construct a square frame of 300mm x 300mm internal dimensions and cut away the ceiling materials from the inside of this frame.
- Lower the 300mm flue pipe casing into this frame and nail in place when the bottom edge is 25mm below the ceiling level and the 8 nail holes provided are touching the timber frame. Ensure that the spacer brackets are at the top of the casing as shown in the diagram.
- Check all 4 locating brackets are securely in place and drop 250mm diameter lower casing in place. This will naturally settle so it protrudes 25mm below the ceiling.
- Make roof penetration, assemble and fit required flue length and install with upper casing. Secure all joins with at least 3 stainless steel rivets or self tapping screws.
- Frame and brace upper installation as required and flash the roof to shield penetration.
- Fit ceiling plate to ceiling.
- When trimming the stainless steel flue length, remember to allow for expansion when flue is hot. Fix HeatSaver Columbia Cowl in place using 3 screws.
- Secure the flue to the fire, drill through flue neck on fire and secure with 2 to 3 s/s screws or rivets.
- All flue joints should be sealed using a flue cement.
- Ensure a 25mm clearance from the 250mm diameter casing to any combustible material.

HEAT SAVER II FLUE KIT

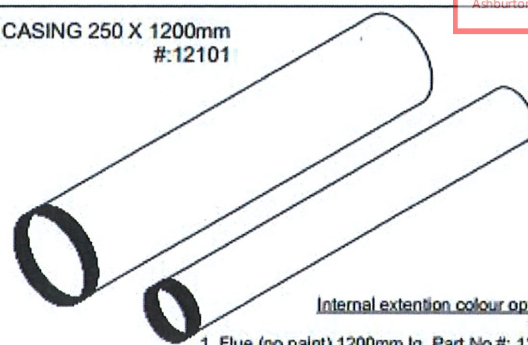
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GALV CASING 250 X 1200mm
#:12101



Internal extension colour options

- STD
OPTION
1. Flue (no paint) 1200mm lg. Part No #: 12102
 2. Metallic black 1200mm lg. Part No #: 12102
 3. Charcoal 1200mm lg. Part No #: 12111
 4. Pewter 1200mm lg. Part No #: 12110

EXTENTION SET - AS REQUIRED

HEAT SHIELD 1200mm
STD

- OPTION
1. Metallic Black #: 7100
 2. Pewter #: 7233

HEAT SHIELD 900mm
STD

- OPTION
1. Metallic Black #: 7170
 2. Charcoal #: 7042

FIRE SPECIFIC HEAT SHIELD OPTIONS

RURAL FLUE c/w DAMPER & HEAT
SHIELD BRACKETS metallic black
12134

RURAL FLUE OPTION

DETAIL 1

IMPORTANT

All Flue Joints Are Required To Be Sealed Using Flue Cement

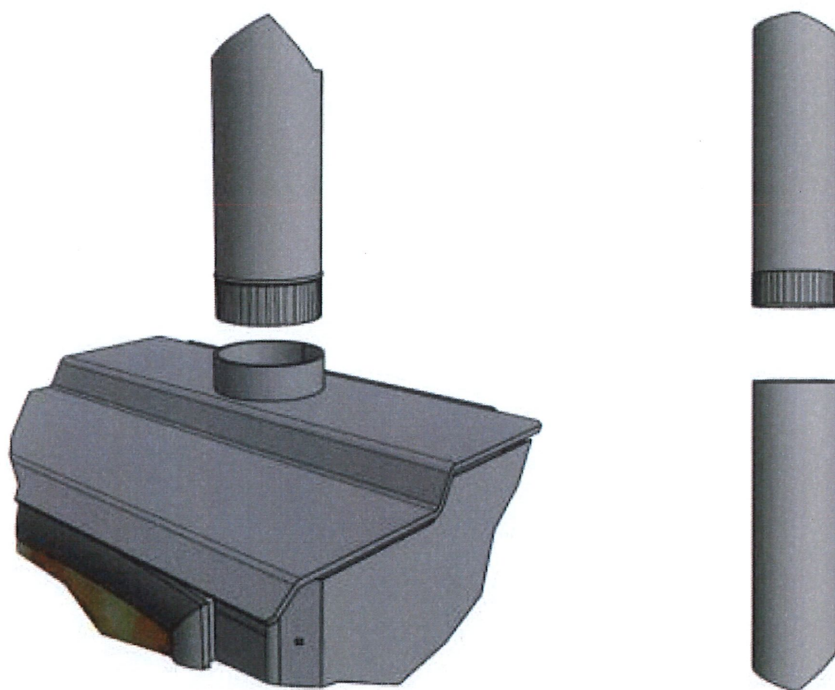
It is extremely important that ALL flue joints are sealed at the time of installation using flue cement or a suitable exhaust cement.

Woodsman fires are designed and tested with all flue joints sealed.

If flue joints are not sealed properly, it can lead to performance issues with the fire such as;

- Lower heat output of the fire, due to decreased performance
- Blocked flue
- Smoke coming out the door when open, due to decreased suction
- Hard to light

The formation of soot and creosote will not seal the flues, especially on the lower lengths, as the high temperatures inhibit its formation.



Any issues that arise as a result of the flues not being sealed, are not covered by the warranty and are not the responsibility of the manufacturer.

It is the installer's responsibility to ensure that this is done at the time of installation.

Fitting Factory Flue Shields

Your HeatSaver Flue System comes standard with a factory flue shield of one of 2 types;

- **900mm high**, contains 1 x painted metal strap. This is used for the Woodsman ECR, Blaze, Boston, Manhattan, RMF and Milford.
- **1200mm high**, This is suitable for the Woodsman Brunner, Tasman, Aspen, Tarras, Strongman and other branded fires which can use 1200mm high single heat shields.

Fitting the 900mm High Flue Shield

1. The heat shield has 2 'tabs' at the bottom which corresponds to 2 slots on the fire behind the flue neck. Insert the tabs.
2. Take the metal strap and fold the two ends around the flue until the meet at the back of the flue at about the height of the top of the heat shield.
3. Hold both ends together and push the tabs through the single slot at the back of the heat shield and fold out tabs to secure in place.

Fitting the 1200mm high heat shield

Your lower length of painted flue already has 2 location brackets attached.

1. Ensure these brackets are facing towards the back wall and centralised.
2. Secure the flue shield in place with screws



1200mm Flue Shield

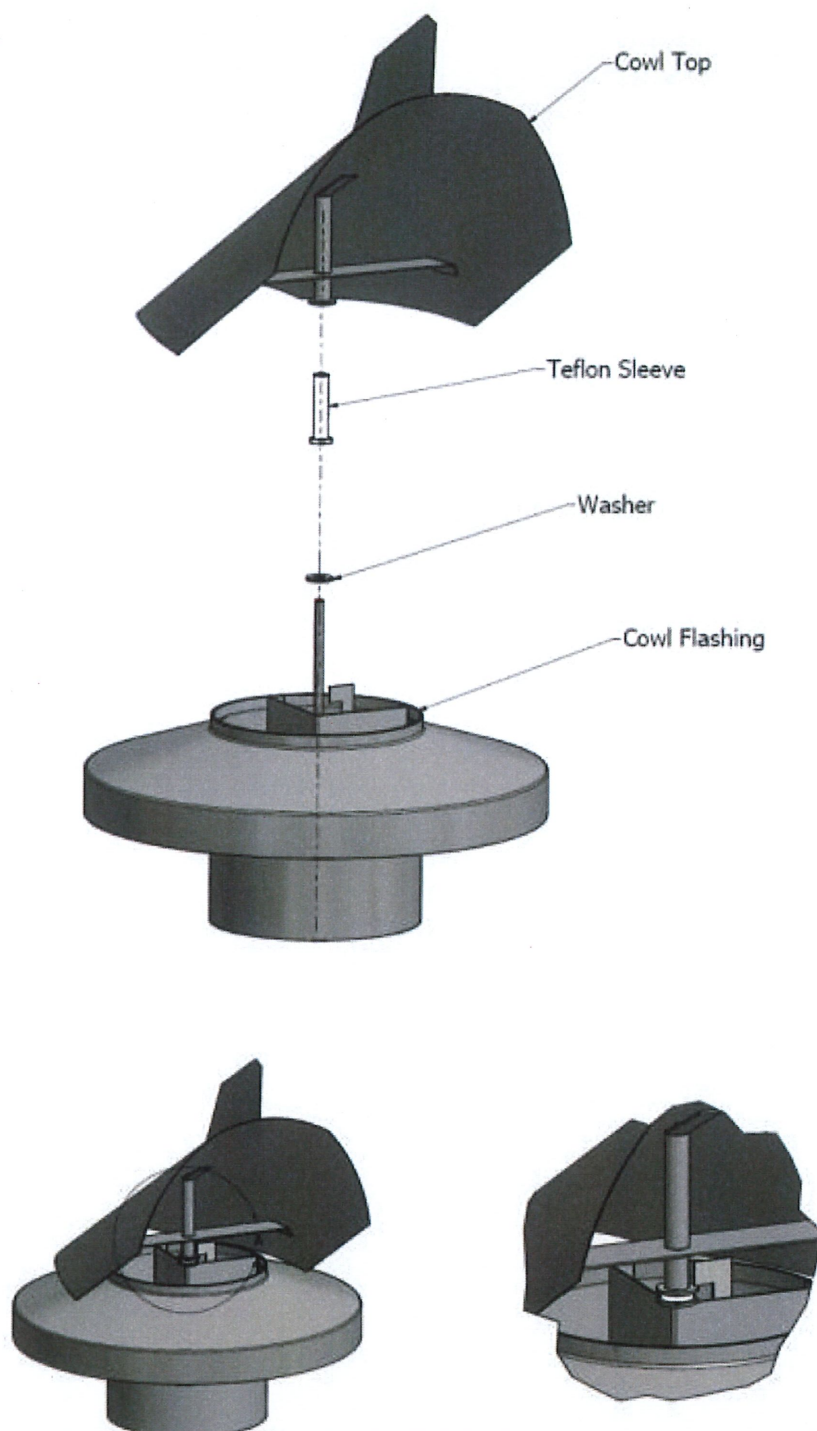


900mm Flue Shield

IMPORTANT - Flue shields should be no further than 10mm off the top of the fire box

Columbia Cowl

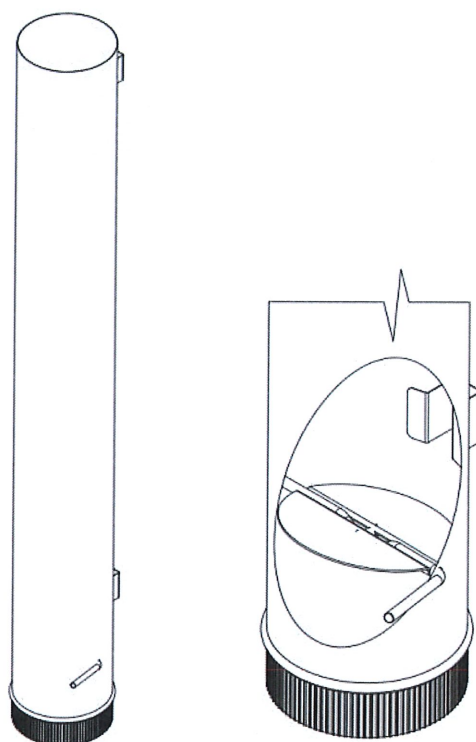
Your Columbia Cowl is fitted with a Teflon Sleeve to reduce noise and wear. The Teflon Sleeve may need to be replaced over the life of the fire and should be checked during an annual service or when the flue is cleaned. If the shaft is dry and dirty, it should be cleaned back to a bare metal finish and a thin layer of graphite or high temperature grease applied before replacing the Teflon Sleeve. Older versions of the Columbia Cowl do not have a Teflon Sleeve and require re-greasing one to two times a year.



Rural Flue Option

If you are on a property of 2 Ha or more or local regulations permit, you have the choice of installing the Rural Option for the Standard heat Saver Flue system. This is simply the standard Heat Saver Flue system with the optional piece of 150 X 1200 mm stainless flue length with butterfly damper supplied as standard. This piece is fitted directly into the spigot of the fire in place of the standard flue pipe. The factory shield is fitted as normal.

Alternatively you can purchase the optional piece of 150 X 1200 mm stainless flue length with butterfly damper fitted separately, and fit it to an existing Woodsman Wood Burner if local regulations permit.

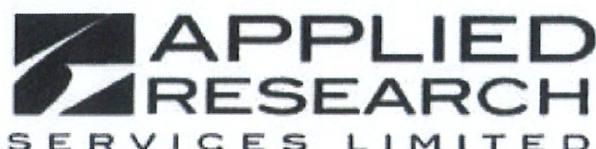


Rural Flue Damper operating suggestions:

- 1) Your Woodsman fire must always be started with the flue damper open.
- 2) Once the fire has been burning for some time, and the home has been fully warmed, the damper may be used for long holding operation. This is useful for leaving the home for a few hours or overnight burning.
- 3) Turn the handle so that it sits horizontal (closed) for a slow burn and turn vertical (open) for maximum performance and heat output.
- 4) To ensure efficient burning it is advised to leave the damper open for 10mins after each new load of wood is added.

Caution:

- 1) Always ensure the damper is open before opening the fire door.
- 2) Using the fire with the damper shut too often, will cause the flue system to block quickly and will require cleaning regularly.
- 3) When the fire is operating, the damper handle should never be touched with bare hands as it will be very hot. Use a mitt or tool.
- 4) Operating the flue damper before the fire is not fully warmed up will prevent the fire from reaching correct operating temperature resulting in low heat output and possibly other performance issues.

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WEB: www.appliedresearch.co.nz

Report 09/1943

January 27th, 2009

Page 1/1

Customer: W.H. Harris Ltd.
41 Braddon St.
P.O. Box 4043
CHRISTCHURCH

P701/1

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Accreditation

Laboratory Registration Number 395

This laboratory is accredited by International Accreditation New Zealand (IANZ). The tests reported herein have been performed in accordance with the terms of our accreditation. This accreditation does not extend to any opinions or any interpretations of test results contained in this report.



IANZ has a Mutual Recognition Arrangement (MRA) with the National Association of Testing Authorities (NATA), Australia, such that both organizations recognize accreditations by IANZ and NATA as being equivalent. Users of test reports are recommended to accept test reports in the name of either accrediting body.

Compliance Certificate**Appliance:** HeatSaver 150 mm Diameter Flue Kit**Test Standard:** AS/NZS2918:2001 Appendix F**Full Report:** 02/749R

(The full report contains the information on the test methods, details of the appliance tested and the results of the test)

This report:

Prepared by: W. S. Webley

Approved by: W. S. Webley

Release Date:

2/3/09

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